METEOROLOGICAL JOURNAL

KEPT AT THE HOUSE OF

THE ROYAL SOCIETY

BY ORDER OF THE

PRESIDENT AND COUNCIL.

METEOROLOGICAL JOURNAL

for January 1781.

	Time.	Therm. without	Therm. within.	Barom.	Rain.	Winds.		Weather.
	H. M.			Inches.	Inch.	Points.	Str.	
Jan. 1	8 0	45,0	47,0	29,80		SW	1	Cloudy.
	2 0	46,0	47,0	29,71		SW	1	Cloudy and rain.
2	8 0	34,5	43,5	29,57	0,045	W by N	1	Fair.
	2 0	40,0	45,0	29,61		NW	1	Fine.
3	8 0	33,5	38,0	29,76		N by W	1	Fair.
	2 0	38,0	39,0	29,88		N by W	1	Fine.
4	8 0	28,0	35,0	30,01		NW	1	Fair and frosty.
	2 0	34,0	36,0	30,05		NW	1	Cloudy.
5	8 0	25,0	32,0	30,20		SSW	1	Frosty.
	2 0	32,0	33,0	30,23		SW	1	Frosty.
6	8 0	35,0	33,5	30,21		SSW	1	Cloudy.
	2 0	40,0	36,5	30,25		SW	1	Cloudy.
7	8 0	38,5	37,0	30,22		SSW	1	Cloudy.
	2 0	46,0	40,5	30,10		W by S	1	Fair.
8	8 0	40,5	41,5	30,31	0,042	N by E	1	Fair.
	2 0	42,5	41,5	30,39		ENE	2	Cloudy.
9	8 0	32,5	37,5	30,54		NNE	2	Fair.
	2 0	37,5	38,5	30,55		NE	2	Fine.
10	8 0	32,0	34,0	30,52		E by N	2	Cloudy.
	2 0	33,5	35,0	30,50		E by N	2	Cloudy.
11	8 0	32,0	33,5	30,38		E by N	3	Cloudy.
	2 0	31,0	33,5	30,32		NE	3	Cloudy.
12	8 0	31,5	32,0	30,26		ESE	1	Foggy.
	2 0	35,0	35,0	30,24		SE	1	Cloudy.
13	8 0	33,0	34,0	30,11		ENE	1	Foggy.
	2 0	35,0	35,0	30,16		NE	1	Cloudy.
14	8 0	29,0	32,0	30,04		E by N	1	Foggy.
	2 0	34,0	35,0	29,98		ENE	1	Cloudy.
15	8 0	30,5	33,5	29,92		ENE	1	Foggy.
	2 0	36,0	35,0	29,89		NE	1	Fine.
16	8 0	31,0	33,5	29,89		ENE	1	Foggy.
	2 0	33,5	33,5	29,83		NE	1	Cloudy.

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	Time.	Therm. without	Therm. within.	Barom.	Rain.	Winds.		Weather.
	H. M.			Inches.	Inch.	Points.	Str.	
Jan. 17	8 0	32,5	33,0	29,82		ENE	1	Foggy.
	2 0	38,0	35,0	29,76		NE	1	Rainy.
18	8 0	40,0	37,0	29,57	0,190	E by N	1	Rainy.
	2 0	45,0	39,0	29,56		NE	1	Cloudy.
19	8 0	37,5	40,0	29,78	0,221	NNE	1	Fine.
	2 0	41,0	41,5	29,86		NNE	1	Fine.
20	8 0	34,0	38,0	30,05		SE	1	Foggy.
	2 0	41,0	40,0	29,99		SE	1	Fine.
21	8 0	44,0	40,0	29,45		SW	1	Foggy.
	2 0	41,5	42,5	29,44		NNE	1	Rainy.
22	8 0	32,0	38,0	29,65	0,073	SE	1	Fair.
	2 0	33,0	38,0	29,66		SE	1	Fine.
23	8 0	26,0	32,0	29,39		ENE	1	Foggy.
	2 0	32,0	34,0	29,37		SE	1	Cloudy with ſnow.
24	8 0	35,5	34,0	29,16		SW	1	Rainy.
	2 0	41,0	37,0	29,04		SW	1	Rainy.
25	8 0	31,5	33,0	29,32		NW	1	Fair.
	2 0	35,0	36,0	29,52		NW	1	Fine.
26	8 0	35,0	34,0	29,09	0,485	SSE	1	Rainy.
	2 0	37,0	38,0	29,23		SE	1	Cloudy.
27	8 0	26,5	32,5	30,05		WSW	1	Fine.
	2 0	36,0	37,0	30,13		SW	1	Fine.
28	8 0	46,5	37,0	29,93	0,063	SW	2	Cloudy.
	2 0	51,5	42,0	29,94		SSW	2	Cloudy.
29	8 0	46,5	43,0	29,89		SSW	2	Cloudy.
	2 0	50,5	46,0	29,89		SW	2	Cloudy.
30	8 0	47,0	47,5	29,75	0,229	SW	2	Cloudy.
	2 0	48,0	49,0	29,81		SW	3	Showery.
31	8 0	35,5	43,5	30,22		WNW	1	Fine.
	2 0	45,0	44,0	30,22		SW	1	Fine.

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	Time. H.	Time. M.	Therm. without	Therm. within.	Barom. Inches.	Rain. Inch.	Winds. Points.	Winds. Str.	Weather.
Feb. 1	8	0	42,0	43 0	30,05	0,110	SSW	1	Rainy.
	2	0	49,0	46,0	30,01		NW	1	Fine.
2	8	0	40,5	43,0	30 19	0,120	SW	1	Foggy.
	2	0	46,0	46,0	30,12		NW	1	Rainy.
3	8	0	41,5	44,0	30,33		SSW	1	Cloudy.
	2	0	43,0	46,0	30,34		SW	1	Cloudy.
4	8	0	43,0	46,0	30,34		SW	1	Cloudy.
	2	0	48,0	47,0	30,05		SW	1	Fine.
5	8	0	44,5	44,0	29,78		SW	1	Fine.
	2	0	50,0	49,0	29,75		SW	1	Cloudy.
6	8	0	46,5	49,0	29 88		SW	1	Cloudy.
	2	0	52,0	51,0	29,96		SW	1	Fine.
7	8	0	48,5	46,5	30,03		WSW	1	Fine.
	2	0	40,0	43,0	29,73		SW	2	Cloudy.
8	8	0	47,5	48,5	29,51	0,233	SSE	2	Rainy.
	2	0	52,0	50,5	29,59		SW	2	Fine.
9	8	0	40,0	46,0	29,82		SW	1	Fine.
	2	0	52,5	50,0	29,83		SW	1	Cloudy.
10	8	0	48,0	49,0	29,88		SSW	3	Cloudy.
	2	0	50,0	50,0	29,74		SW	3	Cloudy.
11	8	0	42,5	47,0	29,58	0,081	SW	2	Fine.
	2	0	51,0	50,5	29 59		SW	2	Fine.
12	8	0	47,0	49,0	28,95	0,430	SW	3	Cloudy.
	2	0	44,0	46,0	29,96		SW	1	Cloudy.
13	8	0	43,0	45 0	29,36		SW	2	Cloudy.
	2	0	47,0	47,5	29,39		NW	2	Fine.
14	8	0	39,5	45 0	29 59	0,150	WSW	1	Cloudy.
	2	0	44,5	44,0	29,52		NW	2	Fine.
15	8	0	35,0	41,0	29,98		NW	1	Fine.
	2	0	43 5	44,0	30,05		SW	1	Fine.
16	8	0	33,0	37,0	30,09		WSW	1	Fine.
	2	0	44,0	42,0	30,02		NW	1	Fine.

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	Time. H.	M.	Therm. without	Therm. within.	Barom.	Rain.	Winds. Points.	Str.	Weather.
					Inches.	Inch.			
Feb. 17	8	0	31,5	37,5	30,12		NW	1	Fine.
	2	0	42,0	44,0	30,07		NW	2	Fine.
18	8	0	31,0	36,0	30,09		N by W	1	Fair.
	2	0	43,5	40,5	30,03		SW	1	Cloudy.
19	8	0	37,0	39,0	29,79		NW	1	Fine.
	2	0	43,5	42,5	29,81		NW	1	Cloudy.
20	8	0	37,0	39,0	30,22		SW	1	Cloudy.
	2	0	42,5	41,5	30,23		NE	1	Fine.
21	8	0	34,0	38,0	30,16		NNE	1	Cloudy.
	2	0	35,5	39,5	30,09		NE	1	Rainy.
22	8	0	33,0	36,0	30,12	0,073	NNE	1	Fine.
	2	0	41,5	39,0	30,14		NNE	1	Fine.
23	8	0	37,5	37,0	30,03		NW	1	Cloudy.
	2	0	43,5	41,0	29,89		NW	1	Cloudy.
24	8	0	40,5	42,0	29,71	0,131	SW	1	Cloudy.
	2	0	49,0	44,0	29,71		SW	1	Rainy.
25	8	0	43,0	45,0	29,17	0,150	NW	1	Fine.
	2	0	44,0	46,5	29,19		NW	1	Fine.
26	8	0	37,0	41,0	29,08		SW	1	Cloudy.
	2	0	41,5	43,0	29,08		SW	1	Fine.
27	8	0	39,0	41,0	29,26	0,072	SW	1	Cloudy.
	2	0	45,0	47,0	29,88		NW	3	Cloudy.
28	8	0	37,5	41,0	29,79	0,126	NW	1	Fine.
	2	0	45,0	46,0	29,97		NW	1	Fine.

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	Time.	Therm. without	Therm. within.	Barom.	Rain.	Winds.		Weather.
	H. M.			Inches	Inch.	Points.	Str.	
Mar. 1	7 0	35,0	41,5	30,19		SW	1	Fine.
	2 0	47,0	43,5	30,06		SW	1	Rainy.
2	7 0	41,0	43,0	30,26	0,120	WSW	1	Cloudy.
	2 0	50,5	47,0	30,26		NW	1	Fine.
3	7 0	48,0	49,0	30,26		SW	1	Cloudy.
	2 0	55,0	51,0	30,26		WSW	1	Cloudy.
4	7 0	47,0	51,0	30,18		SW	1	Cloudy.
	2 0	50,5	51,5	30,10		SW	1	Cloudy.
5	7 0	45,5	51,5	30,14		SW	1	Cloudy.
	2 0	51,0	51,5	30,22		NE	1	Cloudy.
6	7 0	37,0	47,0	30,36	0,002	SW	1	Fine.
	2 0	52,5	51,0	30,33		SW	1	Fine.
7	7 0	35,5	45,5	30,25		SW	1	Cloudy.
	2 0	51,0	49,0	30,19		WSW	1	Fine.
8	7 0	37,5	40,0	30,11		SSW	1	Rainy.
	2 0	48,0	47,5	30,19		SSW	1	Cloudy.
9	7 0	43,0	48,5	30,22	0,170	SW	1	Fine.
	2 0	55,0	50,5	30,17		SSW	1	Fine.
10	7 0	44.5	49,5	30,17		WSW	1	Fine.
	2 0	55,0	52,0	30,17		NW	1	Cloudy.
11	7 0	38,5	48,5	30,19		NNE	1	Fine.
	2 0	51,5	50,0	30,21		NNE	1	Fine.
12	7 0	32,0	42,0	30,27		SE	1	Cloudy.
	2 0	42,0	46,0	30,28		NW	1	Cloudy.
13	7 0	41,0	44,5	30,32		NE	1	Fine.
	2 0	49,5	48,0	30,31		SE	1	Fine.
14	7 0	32,5	38,5	30,33		NE	1	Cloudy.
	2 0	45,5	44,0	30,33		ESE	1	Fine.
15	7 0	33,5	37,0	30,44		NE	1	Fine.
	2 0	48,5	47,0	30,46		ENE	1	Fine.
16	7 0	36,0	37,5	30,39		ENE	1	Cloudy.
	2 0	46,5	46,0	30,34		ENE	1	Fine.

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	Time.	Therm. without	Therm. within	Barom.	Rain.	Winds.		Weather.
	H. M.			Inches.	Inch.	Points.	Str.	
Mar. 17	7 0	39,0	38,5	30,22		ESE	1	Cloudy.
	2 0	50,5	48,0	30,16		ENE	1	Fine.
18	7 0	33,0	41,5	30,09		SSE	1	Foggy.
	2 0	57,0	47,0	30,06		WSW	1	Fine.
19	7 0	39,0	46,5	30,14		NW	1	Fine.
	2 0	55,0	49,0	30,14		WSW	1	Fine.
20	7 0	41,5	44,5	30,22		NNW	1	Foggy.
	2 0	60,0	51,0	30,22		NW	1	Fine.
21	7 0	45,0	50,0	30,18		W by S	1	Fine.
	2 0	57,5	53,0	30,16		WSW	1	Fine.
22	7 0	41,5	46,5	30,19		W SW	1	Fine.
	2 0	58,0	53,5	30,18		SW	1	Fine.
23	7 0	41,5	46,5	30,38		SE	1	Fine.
	2 0	51,0	50,5	30,35		ENE	1	Fine.
24	7 0	36,0	42,0	30,47		NW	1	Foggy.
	2 0	56,0	49,0	30,47		SE	1	Fine.
25	7 0	38,0	46,0	30,46		NE	1	Fine.
	2 0	60,5	51,0	30,29		SW	1	Fine.
26	7 0	39,0	43,0	29,91		WSW	1	Fine.
	2 0	47,0	50,5	30,01		NE	2	Rainy.
27	7 0	48,5	43,5	30,02		NW	1	Fine.
	2 0	49,0	44,0	29,93		NW	2	Fine.
28	7 0	34,0	39,0	29,88		NE	1	Fine.
	2 0	48,0	45,0	29,89		NE	2	Fine.
29	7 0	34,0	37,0	29,92		NE	2	Cloudy.
	2 0	43,0	42,0	29,91		NE	2	Fine.
30	7 0	35,5	37,5	29,91		NE	2	Fine.
	2 0	47,0	42,0	29,91		NE	2	Fine.
31	7 0	35,5	35,0	30,09		ENE	1	Foggy.
	2 0	34,0	43,5	30,09		NE	2	Cloudy.

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	Time.		Therm. without	Therm. within.	Barom.	Rain.	Winds.		Weather.
	H.	M.			Inches.	Inch.	Points.	Str.	
Apr. 1	7	0	37,5	38,0	29,91		ESE	1	Fine.
	2	0	37,0	43,0	29,81		E by S	1	Fine.
2	7	0	37,0	42,0	29,74		SW	1	Fine.
	2	0	53,5	47,0	29,83		ENE	1	Fine.
3	7	0	37,5	44,5	29,98		NE	1	Fine.
	2	0	53,5	52,0	29,94		SE	1	Fine.
4	7	0	38,0	43,0	29,76		NE	1	Cloudy.
	2	0	43,5	44,0	29,63		NE	1	Cloudy.
5	7	0	40,0	43,5	29,34		SE	1	Cloudy.
	2	0	51,0	48,0	29,29		SE	1	Cloudy.
6	7	0	45,0	48,5	29,37		SW	1	Cloudy.
	2	0	50,5	49,5	29,38		SW	1	Fine.
7	7	0	46,0	49,0	29,57		SW	1	Fine.
	2	0	51,0	51,5	29,51		SE	1	Rainy.
8	7	0	48,0	50,5	29,53	0,150	SW	2	Cloudy.
	2	0	50,0	65,0	29,68		SW	2	Fine.
9	7	0	53,0	54,0	29,72	0,200	SW	2	Rainy.
	2	0	50,0	60,0	29,82		NW	2	Fine.
10	7	0	54,0	57,5	29,74		SW	1	Rainy.
	2	0	62,5	60,0	29,76		SW	2	Fine.
11	7	0	49,0	51,5	29,73	0,140	SE	1	Fine.
	2	0	57,0	56,0	29,66		SE	1	Cloudy.
12	7	0	49,0	54,5	29,52		NW	1	Cloudy.
	2	0	61,5	58,0	29,64		NW	2	Cloudy.
13	7	0	39,5	51,0	29,96	0,095	SSW	1	Fine.
	2	0	54,0	53,5	29,99		SW	1	Fine.
14	7	0	40,0	45,0	29,91		WSW	1	Fine.
	2	0	58,0	52,5	29,79		SW	1	Fine.
15	7	0	46,0	47,0	29,79		SW	1	Fine.
	2	0	62,0	66,5	29,81		SW	1	Fine.
16	7	0	46,0	49,0	29,88		SW	1	Fine.
	2	0	53,0	58,5	29,86		SSW	1	Fine.

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	Time. H.	M.	Therm. without	Therm. within.	Barom. Inches.	Rain. Inch.	Winds. Points.	Str.	Weather.
Apr. 17	7	0	49,0	53,5	29,91		SW	1	Fine.
	2	0	66,5	61,0	29,92		SSE	1	Fine.
18	7	0	48,0	53,0	29,94		ENE	1	Fine.
	2	0	65,0	62,5	29,91		ESE	1	Fine.
19	7	0	55,5	57,5	29,93		SSW	1	Fine.
	2	0	65,0	62,5	29,99		WSW	1	Fine.
20	7	0	51,0	67,0	30,02	0,065	SSE	1	Cloudy.
	2	0	64,0	64,0	30,09		W	1	Fine.
21	7	0	55,0	58,0	30,18		SSW	1	Rainy.
	2	0	64,0	63,0	30,16		SW	1	Cloudy.
22	7	0	55,5	58,0	30,09		SSW	1	Fine.
	2	0	66,0	64,0	30,05		SW	1	Fine.
23	7	0	48,0	52,0	30,07		SW	1	Fine.
	2	0	57,0	57,0	30,01		NW	1	Cloudy.
24	7	0	45,0	47,0	30,16		NNE	1	Cloudy.
	2	0	51,0	55,0	30,22		NE	2	Cloudy.
25	7	0	44,5	50,0	30,24		NW	1	Fine.
	2	0	46,5	49,0	30,34		NW	1	Fine.
26	7	0	43,0	47,0	30,32		NW	1	Fine.
	2	0	53,0	53,0	30,32		NW	2	Cloudy.
27	7	0	47,5	48,5	30,28		NNE	1	Fine.
	2	0	51,0	50,5	30,22		N by W	1	Fine.
28	7	0	42,0	42,0	30,09		N by E	1	Fine.
	2	0	57,0	54,5	29,96		N by E	1	Fine.
29	7	0	47,0	45,5	29,91		NNE	1	Fine.
	2	0	59,0	55,5	29,89		NNE	1	Fine.
30	7	0	44,0	46,5	29,92		NE	1	Cloudy.
	2	0	61,5	57,0	29,87		NNE	1	Cloudy.

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	Time. H.	Time. M.	Therm. without	Therm. within.	Barom. Inches.	Rain. Inch.	Winds. Points.	Winds. Str.	Weather.
May 1	7	0	48,0	52,5	29,96		NNW	1	Cloudy.
	2	0	61,0	68,5	29,96		NE	1	Fine.
2	7	0	46,0	49·5	30,05		SE	1	Fine.
	2	0	62,0	59 0	30,05		SE	1	Fine.
3	7	0	48,5	49,0	30,01		SE	1	Fine.
	2	0	54,5	55,0	29,98		ESE	1	Rainy.
4	7	0	46,5	50,0	29,93	0,059	NE	1	Cloudy.
	2	0	53,0	56,0	29,93		NE	1	Rainy.
5	7	0	43,5	46,5	30,04	0,040	NE	1	Cloudy.
	2	0	52,0	51,5	30,06		NE	1	Fine.
6	7	0	43,0	44,0	30,17		ESE	1	Fine.
	2	0	51,0	50,0	30,16		ENE	1	Cloudy.
7	7	0	43,5	44,0	30,14		ENE	1	Fine.
	2	0	52,0	49,0	30,12		SE	1	Fine.
8	7	0	42,0	44,0	29,97		NE	1	Cloudy.
	2	0	51,0	49,5	29,88		ESE	1	Fine.
9	7	0	43,0	47,0	29·72		NNW	1	Fine.
	2	0	56,0	51,0	29,68		NE	1	Fine.
10	7	0	42,5	46,0	29,66		NE	1	Fine.
	2	0	59,0	51,0	29,58		ESE	1	Fine.
11	7	0	44,5	49,0	29,62	0,240	ESE	1	Rainy.
	2	0	63,0	67,5	29,73		SSW	1	Cloudy.
12	7	0	58,5	55,5	30,01		SE	1	Fine.
	2	0	72,0	64,0	30,02		SE	1	Fine.
13	7	0	62,0	61,0	29,91		NW	1	Cloudy.
	2	0	73,5	69,5	29,92		NW	1	Fine.
14	7	0	56,0	63,0	29,89	0,041	ESE	1	Cloudy.
	2	0	71,5	68,5	29,89		SSE	1	Fine.
15	7	0	56,5	51,5	29,93		NNW	1	Cloudy.
	2	0	67,0	68 0	29,96		NW	1	Fine.
16	7	0	52,0	54,0	29,96		SE	1	Cloudy.
	2	0	57,0	61,0	30,00		NE	1	Cloudy.

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	Time.		Therm. without	Therm. within.	Barom.	Rain.	Winds.		Weather.
	H.	M.			Inches.	Inch.	Points.	Str.	
May 17	7	0	50,0	57,0	30,09	0,050	NE	1	Cloudy.
	2	0	57,0	59,5	30,08		NE	1	Cloudy.
18	7	0	48,5	53,5	29,95	0,114	ENE	1	Rainy.
	2	0	57,5	58,0	29,95		NE	1	Rainy.
19	7	0	55,0	56,0	29,93	0,076	NNW	1	Cloudy.
	2	0	60,5	60,5	29,93		ENE	1	Cloudy.
20	7	0	57,0	57,0	29,89	0,099	ENE	1	Cloudy.
	2	0	64,5	62,0	29,93		NE	1	Fine.
21	7	0	57,0	57,0	30,05		NE	1	Fine.
	2	0	69,0	67,0	30,08		E by N	1	Fine.
22	7	0	50,0	54,0	30,29		NE	1	Cloudy.
	2	0	57,5	58,5	30,29		NE	2	Fine.
23	7	0	57,0	48,0	30,35		NE	2	Fine.
	2	0	58,0	57,0	30,35		NE	2	Fine.
24	7	0	49,0	49,0	30,36		NE	2	Fine.
	2	0	56,0	55,0	30,34		SE	1	Fine.
25	7	0	51,5	50,0	30,23		SW	1	Fine.
	2	0	61,0	58,0	30,22		SW	1	Fine.
26	7	0	50,5	52,0	30,16		ESE	1	Fine.
	2	0	65,0	61,0	30,14		ESE	1	Fine.
27	7	0	48,5	51,0	30,15		ESE	1	Fine.
	2	0	70,0	63,0	30,15		S by W	1	Fine.
28	7	0	53,0	56,5	30,22		SW	1	Fine.
	2	0	72,0	63,5	30,22		SW	1	Fine.
29	7	0	55,5	57,5	30,26		ESE	1	Fine.
	2	0	76,0	70,0	30,16		SE	1	Fine.
30	7	0	60,5	65,0	29,98		SE	1	Fine.
	2	0	80,5	71,5	29,96		SE	1	Fine.
31	7	0	63,0	69,0	30,12		SE	1	Fine.
	2	0	78,0	76,0	30,04		SE	1	Fine.

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	Time.	Therm. without	Therm. within.	Barom.	Rain.	Winds.		Weather.
	H. M.			Inches.	Inch.	Points.	Str.	
June 1	7 0	65,0	66,0	30,04		NE	1	Fine.
	2 0	83,5	78,5	30,03		SW	1	Fine.
2	7 0	67,0	71,0	29,98		SW	1	Fine.
	2 0	84,0	78,0	29,96		SW	1	Fine.
3	7 0	60,0	65,0	29,87		SW	1	Rainy.
	2 0	75,0	74,0	29,80		SSW	2	Showery.
4	7 0	58,5	67,5	29,82	0,169	WSW	2	Cloudy.
	2 0	70,5	70,0	29,79		SW	2	Showery.
5	7 0	60,0	55,0	29,82		S by W	1	Fair.
	2 0	75,0	68,0	29,69		SW	1	Fine.
6	7 0	59,5	56,0	29,60	0,226	SSE	1	Cloudy.
	2 0	68,0	68,5	29,54		W by S	1	Fine.
7	7 0	58,5	65,0	29,55		SSW	1	Cloudy.
	2 0	64,5	67,0	29,55		SW	1	Fair.
8	7 0	53,5	60,0	29,49	0,055	SW	1	Rainy.
	2 0	60,0	62,0	29,42		SW	1	Showery.
9	7 0	57,0	60,0	29,68		SW	1	Fine.
	2 0	64,0	64,0	29,72		SW	1	Showery.
10	7 0	58,5	59,5	29,72	0,064	E by N	1	Fine.
	2 0	60,0	65,0	29,79		SE	1	Showery.
11	7 0	59,5	61,0	29,84		SSW	1	Cloudy.
	2 0	70,5	67,0	29,79		SSE	1	Cloudy.
12	7 0	56,0	63,0	29,82	0,057	NE	1	Rainy.
	2 0	67,0	66,5	29,78		NE	1	Fine.
13	7 0	59,5	64,0	29,77		SE	1	Cloudy.
	2 0	73,5	68,5	29,74		SSE	1	Fine.
14	7 0	63,0	65,0	29,71		SSE	1	Cloudy.
	2 0	66,0	67,0	29,66		SW	1	Fair.
15	7 0	59,5	61,0	29,79		SSE	1	Fine.
	2 0	75,0	68,5	29,65		SSE	1	Fine.
16	7 0	61,0	61,5	29,78		SSW	1	Fine.
	2 0	70,5	69,0	29,78		SSE	1	Fine.

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	Time. H.	M.	Therm. without	Therm. within.	Barom.	Rain.	Winds. Points.	Str.	Weather.
					Inches.	Inch.			
June 17	7	0	61,5	65,0	29,84		SW	1	Fine.
	2	0	71,0	68,5	29,84		SSW	1	Fair.
18	7	0	65,5	66,0	29,91		SSE	1	Cloudy.
	2	0	73,5	70,5	29,95		SSE	1	Fair.
19	7	0	64,5	67,0	29,91	0,019	ESE	1	Rainy.
	2	0	75,0	72,5	29,84		E by S	1	Show.
20	7	0	70,0	71,5	29,82	0,098	NE	1	Fine.
	2	0	80,0	79,5	29,84		ESE	1	Fine.
21	7	0	68,0	70,5	29,79		ESE	1	Fine.
	2	0	79,0	76,0	29,76		ESE	1	Fair.
22	7	0	57,5	69,0	29,76		NE	1	Cloudy.
	2	0	75,0	73,0	29,74		NE	1	Fine.
23	7	0	57,0	64,0	29,82		NE	1	Cloudy.
	2	0	62,5	65,0	29,83		N by E	1	Rainy.
24	7	0	55,0	60,0	29,87		NE	1	Cloudy.
	2	0	67,0	66,0	29,85		NE	1	Fair.
25	7	0	55,0	61,0	29,82		NE	1	Cloudy.
	2	0	63,0	64,0	29,80		SSE	1	Cloudy.
26	7	0	59,0	62,0	29,93		NW	1	Cloudy.
	2	0	70,0	68,0	29,97		NW	1	Fine.
27	7	0	60,0	60,0	30,05		NW	1	Fine.
	2	0	73,0	70,0	30,05		NW	1	Fine.
28	7	0	63,5	66,5	30,14		NW	1	Fine.
	2	0	74,0	71,0	30,19		NNW	1	Fine.
29	7	0	59,0	59,0	30,42		NW	1	Fine.
	2	0	77,0	71,5	30,39		NW	1	Fine.
30	7	0	66,0	69,0	30,24		SW	1	Fine.
	2	0	81,0	78,0	30,24		WSW	1	Fine.

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	Time.	Therm. without	Therm. within.	Barom.	Rain.	Winds.		Weather.
	H. M.			Inches.	Inch.	Points.	Str.	
July 1	7 0	65,0	67,0	30,04		SSE	1	Fine.
	2 0	85,0	75 0	29,90		SSW	1	Fine.
2	7 0	74,0	75 0	29,69		SSW	1	Fine.
	2 0	76,0	76,0	29,77		SSW	1	Fine.
3	7 0	65 0	69,0	29,82		SSW	1	Cloudy.
	2 0	74,0	73 0	29,85		SSW	1	Fine.
4	7 0	63,0	65,0	30,04		SSW	1	Fine.
	2 0	71,5	71,0	30,11		WSW	2	Fine.
5	7 0	61,0	62,0	30,25		SSE	1	Fine.
	2 0	74,5	71,5	30,22		SW	1	Fine.
6	7 0	65,0	65,0	30,03		SE	1	Cloudy.
	2 0	78,0	74,5	29,95		SE	1	Fine.
7	7 0	62,0	68,0	29,81	0,050	SE	1	Cloudy.
	2 0	73,0	71,0	29,78		SE	1	Cloudy.
8	7 0	60,0	61,0	29,71	0,132	SE	2	Cloudy.
	2 0	65,5	67,5	29,74		S by W	2	Rainy.
9	7 0	60,5	66,0	29,92	0,293	SW	1	Rainy.
	2 0	68,5	68,0	29,92		NW	2	Cloudy.
10	7 0	68,0	65,0	29,97	0,114	SSW	1	Rainy.
	2 0	69,0	67,0	29,88		SW	1	Cloudy.
11	7 0	59,0	60,5	29,86	0,243	WSW	1	Cloudy.
	2 0	68,0	67,5	29,93		NW	1	Cloudy.
12	7 0	64,5	67,0	30,07		SW	1	Cloudy.
	2 0	76,5	71,0	30,13		SW	1	Fine.
13	7 0	67,0	70,0	30,16		SW	1	Fine.
	2 0	74,5	73,0	30,16		SW	2	Cloudy.
14	7 0	62,0	67,0	30,03		SW	1	Cloudy.
	2 0	66,5	70,0	30,01		WSW	1	Rainy.
15	7 0	57,0	66,0	30,11		WSW	1	Fine.
	2 0	68,0	67,5	30,13		W by S	1	Fine.
16	7 0	58,5	64,0	30,29		WSW	1	Fine.
	2 0	73,0	69,0	30,33		NW	1	Fine.

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	Time.	Therm. without	Therm. within.	Barom.	Rain.	Winds.		Weather.
	H. M.			Inches.	Inch.	Points.	Str.	
July 17	7 0	59,0	53,5	30,33		NW	1	Fine.
	2 0	73,0	69,0	30,29		NW	1	Fine.
18	7 0	62,5	67,0	30,26		SW	1	Fine.
	2 0	73,5	70,5	30,24		SW	1	Fine.
19	7 0	62,0	66,0	30,34		NW	1	Fine.
	2 0	70,0	69,0	30,35		NW	1	Fine.
20	7 0	62,0	65,0	30,41		NW	1	Fine.
	2 0	69,0	68,5	30,41		NW	1	Fine.
21	7 0	61,0	64,0	30,44		ESE	1	Fine.
	2 0	72,0	70,0	30,41		NW	1	Fine.
22	7 0	61,0	63,0	30,33		NW	1	Fine.
	2 0	75,0	72,0	30,23		NW	1	Fine.
23	7 0	62,0	65,0	30,17		NNW	1	Cloudy.
	2 0	72,5	71,0	30,15		NW	1	Fine.
24	7 0	64,0	69,0	30,07		SSW	1	Cloudy.
	2 0	79,0	75,0	30,03		WSW	1	Fine.
25	7 0	65,0	70,0	29,96		WSW	1	Fine.
	2 0	77,5	74,0	29,93		SSW	1	Fine.
26	7 0	60,0	65,0	29,89		SW	1	Cloudy.
	2 0	71,0	70,0	30,01		SW	1	Cloudy.
27	7 0	59,0	67,0	30,06		NNW	1	Cloudy.
	2 0	73,0	70,0	30,06		NNW	1	Cloudy.
28	7 0	73,0	67,0	30,05		NW	1	Fine.
	2 0	75,0	71,0	30,01		SW	1	Fine.
29	7 0	66,0	68,0	30,01	0,213	SW	1	Cloudy.
	2 0	76,0	73,0	30,08		SW	1	Fine.
30	7 0	68,0	71,0	30,19		SW	1	Cloudy.
	2 0	80,0	76,0	30,17		SW	1	Fine.
31	7 0	67,0	70,0	30,06		SE	1	Fine.
	2 0	84,0	80,0	30,05		SE	1	Fine.

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	Time. H.	M.	Therm. without	Therm. within.	Barom. Inches.	Rain. Inch.	Winds. Points.	Str.	Weather.
Aug. 1	7	0	68,5	71,0	29,96		WSW	1	Cloudy.
	2	0	78,0	75,0	30,01		SW	1	Fine.
2	7	0	63,0	65,0	30,12		SW	1	Fine.
	2	0	71,5	69,5	30,11		WSW	1	Fine.
3	7	0	63,0	64,0	30,27		SW	1	Fine.
	2	0	73,0	70,0	30,28		SW	1	Fine.
4	7	0	63,0	65,0	30,39		SW	1	Cloudy.
	2	0	73,0	70,0	30,37		NE	1	Fine.
5	7	0	62,0	64,0	30,33		NE	1	Fine.
	2	0	72,0	70,0	30,24		NE	1	Fine.
6	7	0	63,0	65,5	30,07		SSE	1	Cloudy.
	2	0	77,0	72,0	30,07		SE	1	Fine.
7	7	0	63,0	66,0	30,08		SE	1	Cloudy.
	2	0	77,0	72,0	30,07		SE	1	Fine.
8	7	0	62,0	68,0	29,94	0,026	WSW	1	Cloudy.
	2	0	66,0	68,5	29,91		SW	1	Rainy.
9	7	0	63,0	67,0	29,95	0,684	SSW	1	Fair.
	2	0	78,0	71,5	29,98		SSW	1	Fine.
10	7	0	68,5	70,5	29,90	0,942	SSW	1	Cloudy.
	2	0	80,0	76,0	30,03		SSW	1	Cloudy.
11	7	0	63,0	71,5	30,06		SSW	1	Fine.
	2	0	82,0	77,0	30,05		SE	1	Fine.
12	7	0	68,0	71,0	30,02		SSW	1	Fine.
	2	0	81,5	78,0	30,01		SW	1	Fine.
13	7	0	67,0	72,0	29,93		SW	1	Rainy.
	2	0	80,5	75,5	29,87		SW	1	Fine.
14	7	0	63,0	72,5	29,93		SW	1	Fine.
	2	0	75,0	74,0	29,85		SW	1	Cloudy.
15	7	0	58,0	68,5	29,65	0,271	SSW	2	Fair.
	2	0	65,5	70,0	29,59		SSW	2	Rainy.
16	7	0	61,0	67,5	29,62	0,067	SW	1	Fine.
	2	0	72,0	69,5	29,61		SSW	1	Fair.

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	Time.	Therm. without	Therm. within	Barom.	Rain.	Winds.		Weather.
				Inches.	Inch.	Points.	Str.	
Aug. 17	7 o	60,5	65,5	29,74	0,182	SW	1	Fine.
	2 o	72,0	68,0	29,83		SW	1	Fine.
18	7 o	57,0	64,0	29,89	0,087	SW	1	Fine.
	2 o	73,0	68,5	29,86		SSW	1	Fine.
19	7 o	58,0	64,5	29,73		NNE	1	Rainy.
	2 o	59,0	65,0	29,66		N by W	1	Rainy.
20	7 o	53,0	62,5	29,77	0,147	NW	1	Fine.
	2 o	67,0	66,0	29,82		NW	1	Cloudy.
21	7 o	55,0	62,0	30,11		NW	1	Fine.
	2 o	68,0	66,0	30,15		NNW	1	Fine.
22	7 o	52,0	61,0	30,25		NE	1	Fine.
	2 o	71,0	69,5	30,27		NE	1	Fine.
23	7 o	60,0	65,0	30,04		SSW	1	Cloudy.
	2 o	80,0	70,0	29,96		SW	1	Fine.
24	7 o	63,0	67,0	29,76		SE	1	Cloudy.
	2 o	75,5	71,0	29,66		SSE	1	Fine.
25	7 o	61,5	68,5	29,54	0,302	WSW	1	Fine.
	2 o	72,0	71,0	29,67		SW	1	Cloudy.
26	7 o	61,5	68,0	29,93		SW	1	Fine.
	2 o	75,5	73,0	29,96		SW	1	Cloudy.
27	7 o	68,0	69,5	29,82		SSE	1	Cloudy.
	2 o	79,0	76,0	29,75		SSW	1	Fine.
28	7 o	67,5	70,5	29,66		SSW	1	Cloudy.
	2 o	65,0	72,5	29,58		SW	1	Rainy.
29	7 o	64,0	70,0	29,59		SW	2	Fine.
	2 o	72,5	71,0	29,77		SW	2	Fine.
30	7 o	64,0	68,0	30,01		SW	1	Fine.
	2 o	74,0	70,0	29,98		SSE	1	Cloudy.
31	7 o	66,0	70,0	29,72	0,390	SE	1	Rainy.
	2 o	75,0	73,0	29,88		SE	1	Fine.

1781	Thermometer without.			Thermometer within.			Barometer.			Rain.
	Greateſt height.	Leaſt height.	Mean height.	Greateſt height.	Leaſt height.	Mean height.	Greateſt height.	Leaſt height.	Mean height.	Inches.
Jan.	51,5	25 0	38,5	49,0	32,0	35,9	30,55	29,04	29,90	1,348
Feb.	52,5	31,0	42,8	51,0	36,0	45,7	30,34	28,95	29,65	1,676
Mar.	60,5	32,0	44,8	53,5	35,0	45,9	30,47	29,88	30,21	0,292
Apr.	66,5	37,0	49,2	67,0	38,0	52,8	30,34	29,29	29,88	0,650
May	80,5	42,0	56,8	76,0	44,0	56,8	30,36	29,58	30,05	0,619
June	84,0	53,5	66,2	79,5	55,0	66,8	30,42	29,42	29,84	0,688
July	84,0	57,0	68,4	80,0	53,5	68,7	30,44	29,69	30,05	1,045
Aug.	82,0	52,0	67,7	78,0	61,0	69,2	30,39	29,54	29,95	2,198
Mean of 8 mon.			53,0			55,2			29,95	8,516